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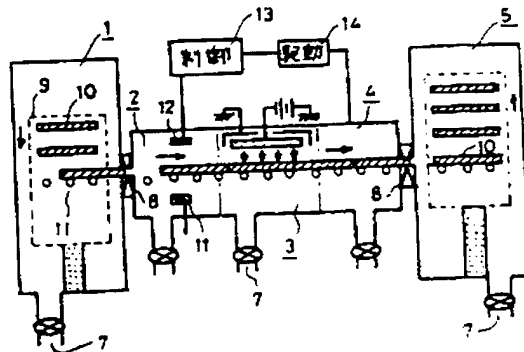
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APPLICANT : FUJITSU LTD;

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TITLE : CONTINUOUS PROCESSOR



ABSTRACT : PURPOSE: To improve the processing speed of an element to be processed and the quality of a film by detecting an interval between the elements to be processed in a buffer chamber, and regulating a conveying velocity in the chamber.

CONSTITUTION: A buffer chamber 2 has a light source 11 and an image sensor 12, and the presence or absence of a tray 10 is detected by the presence or absence of the photoreception of the sensor 12. The presence or absence of the photoreception from the sensor 10 is transmitted to a CPU 13, which obtains the interval between the trays 10 from the interval of the photoreceptions, and obtains the speed to convey the tray 10 in the chamber 1 from the interval. Information of the conveying speed is applied to a driving system 14 of the chamber 2 to accelerate the speed of the tray 10 disposed at the portion, thereby eliminating the interval between the trays in a main chamber 3. Thus, the processing speed is accelerated, and the quality of the sputtered film is improved.

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